

Client's ref: electrochemical cell
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ABSTRACT OF THE DISCLOSURE

A metal-air cell having an anode/electrolyte and a cathode is disclosed. The metal-air cell comprises a container having an upper interior surface and a lower interior surface for housing said anode/electrolyte and said cathode; a spring disposed on said upper interior surface; a cover electrically connected to said cathode, and having at least one recess; at least one o-ring disposed on said lower interior surface facing said at least one recess. The spring is compressed when a predetermined force is applied so that said at least one o-ring and said at least one recess are separated, thereby forming an inlet to introduce air for electrochemical reaction. The spring is expanded when said predetermined force is removed so that said at least one o-ring is inserted within said at least one recess to obstruct the air.